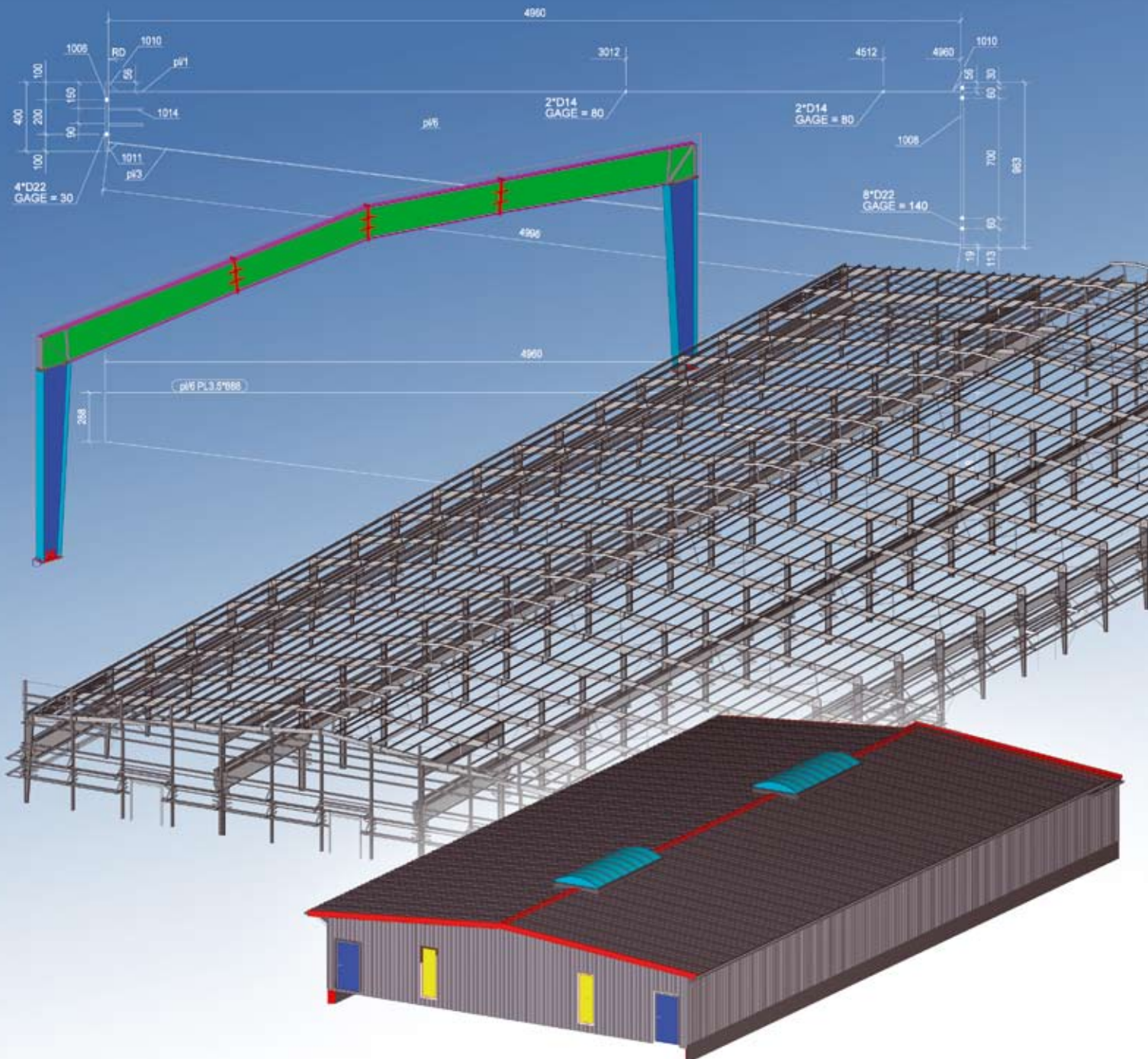




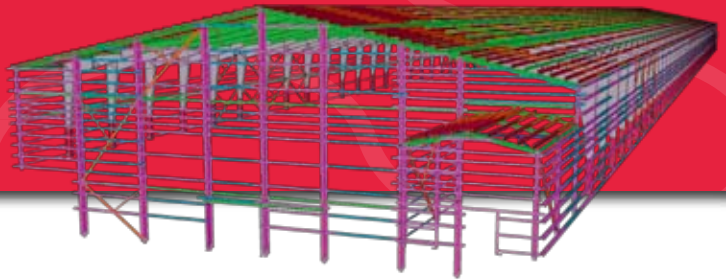
TEKLA® Structures

Pre-Engineered Buildings



> IDEAL FOR PRE-ENGINEERED BUILDINGS

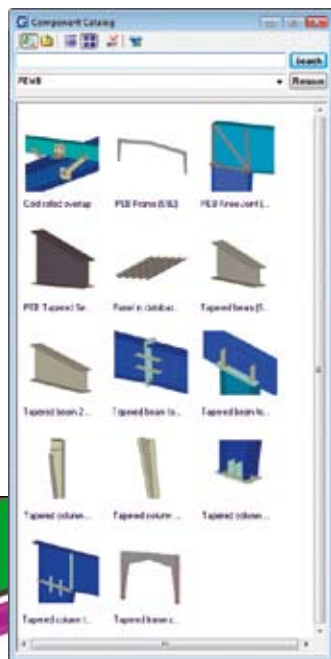
- > 3D modelling and detailing tools for pre-engineered building systems to meet a variety of construction needs
- > Covering the entire workflow from sales, bidding, cost estimation, and conceptual design to detailing, fabrication, erection, and follow-up – no repetitive work or duplicated information
- > Tools such as adaptive PEB frame components, customizing to company-specific requirements, automatic drawing production, interfacing with other software



- > Tekla Structures supports a variety of structures, such as basic steel buildings for commercial and residential needs, such as roofing systems and complex facilities.
- > Detailed 3D models are very fast to build. The Tekla model provides accurate material information to support the sales process, tendering as well as purchasing. 3D model is also a powerful tool in all project discussions.

Sales models are used as the basis for more detailed engineering work. All the fabrication documentation, CNC data, and scheduling information can be easily extracted from the detailed 3D model.

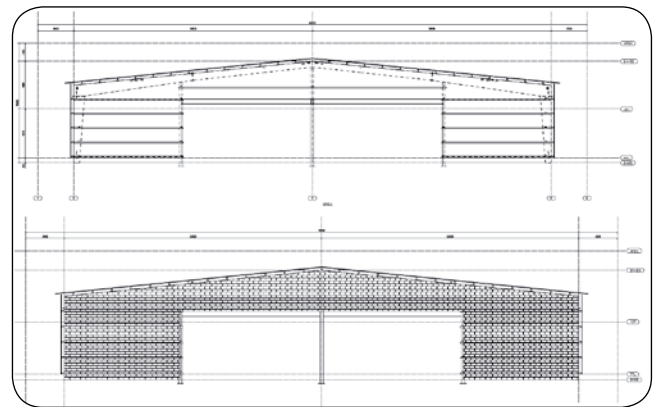
Tekla's model-sharing ability allows multiple project participants to work simultaneously on the projects, thus creating a seamless information flow.



- > A wide range of adaptive components for primary structural elements are available in the system. Company specific secondary parts, such as sheeting, purlins/girts, braces and custom components are easy to create. This is done by simply modeling them and adding the intelligence – no programming involved.

Company-specific drawing standards are also easy to implement.

Interfacing with ERP or in-house software solutions can be done through industry standards, proprietary formats or Tekla Open API™ (Application Programming Interface).



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